



CENTER FOR NUCLEAR WASTE REGULATORY ANALYSES
QUALITY ASSURANCE
SURVEILLANCE REPORT

PROJECT NO.: 20-5704-035

REPORT NO.: 93-16

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SURVEILLANCE SCOPE: Observation of Sample Preparation; operation of AGS-1020 AHD magnetic Grinding Machine and transferring of sample numbers

REFERENCE DOCUMENTS: ASTM D2938-79; ASTM D3967-81

STARTING DATE: 12/10/93

ENDING DATE: 12/22/93

QA REPRESENTATIVE: BRUCE MABRITO

PERSONS CONDUCTING TEST/EXAM/ACTIVITY: MAJID MEHRAJZA - lucky Friday mine sample preparation, using same procedures utilized by University of Arizona in earlier tests.

SATISFACTORY FINDINGS: ON THREE (3) separate occasions during the sample preparation activity (12/10/93, 12/20/93, and 12/22/93) the operator was observed in preparing samples for the Uniaxial Compression Strength Test and the Indirect (Splitting) Tensile Strength Brazilian Test. Rock specimens were removed from field shipping boxes, samples numbered in accordance with box identification and depth of core, and documentation maintained in separate notebook. Machine operator was knowledgeable in Grinding Machine functions and procedures. ^{observed safety}

UNSATISFACTORY FINDINGS:

NONE

NONCONFORMANCE REPORT NO.: N/A

ATTACHMENTS: NONE.

RECOMMENDATIONS/ACTIONS

OBSERVATION: IT APPEARS THE AGS-1020-AHD Grinding machine is producing smooth-faced, parallel-end rock sample cylinders. Continued caution should be exercised with regard to this piece of equipment, utilizing appropriate safety measures.

APPROVED: 
CENTER DIRECTOR OF QUALITY ASSURANCE

DATE: 12/22/93

DISTRIBUTION:

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